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NO. 789 P. 1

JUL 07 2006

**Allen, Dyer, Doppelt,
Milbrath & Gilchrist, P.A.**

— INTELLECTUAL PROPERTY ATTORNEYS —

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F A C S I M I L E C O V E R S H E E T

TO: EXAMINER: HENRY TSAI (ART UNIT 2181)

CLIENT NUMBER: 54360

TELEPHONE: 571-272-4176 FAX: 571-273-8300

FROM: PAUL J. DITMYER, ESQ.

DATE: July 7, 2006

NUMBER OF PAGES (INCLUDING COVER SHEET): 22

COMMENTS/INSTRUCTIONS:

Please see attached Amendment responsive to Examiner's Office Action mailed April 12, 2006 for U.S. Patent Application Serial No. 10/082,816.

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NO. 789 P. 2

Case No. 00GR351(54360)

JUL 07 2006

MS Amendment
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In re Application of: **COFLER ET AL.**
 Serial No.: **10/082,816**
 Filed: **FEBRUARY 25, 2003**
 For: **METHOD OF HANDLING BRANCHING INSTRUCTIONS WITHIN A PROCESSOR,
 IN PARTICULAR A PROCESSOR FOR DIGITAL SIGNAL PROCESSING AND
 CORRESPONDING PROCESSOR**

Sir:

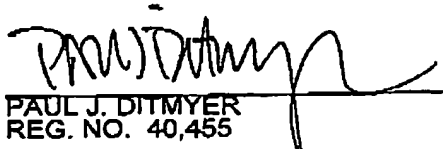
Transmitted herewith is an amendment in the above-identified application.

☐ Applicant qualifies as a small entity under 37 CFR § 1.27.☒ No additional fee is required.

The fee has been calculated as shown below:

| | (Col. 1) | (Col. 2) | (Col. 3) | | SMALL ENTITY | | | LARGE ENTITY | |
|--|---|---------------------------------------|------------------|--|-----------------------|-----|-----------|-----------------------|------|
| FOR: | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NO. PREVIOUSLY PAID FOR | PRESENT EXTRA | | RATE | FEE | | RATE | FEE |
| TOTAL CLAIMS | 26 | 26 | 0 | | X 25 | \$ | <u>OR</u> | X 50 | \$ |
| INDEPT CLAIMS | 3 | 3 | 0 | | X 100 | \$ | <u>OR</u> | X 200 | \$ |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM | | | | | + 180 | \$ | <u>OR</u> | + 360 | |
| | | | | | TOTAL ADD'L FEE | | | TOTAL ADD'L FEE | \$ 0 |

* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The
 "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the
 equivalent box in Col. 1
 of a prior amendment of the number of claims originally filed.

☒ The Commissioner is hereby authorized to charge or credit any discrepancies in fee amounts to Deposit Account No. 01-0484.☒ **PLEASE ADDRESS ALL CORRESPONDENCE TO ATTORNEY OF RECORD:
 CHRISTOPHER F. REGAN**☒ This application is associated with Customer No. **27975**.July 7, 2006
DATE

 PAUL J. DITMYER
 REG. NO. 40,455

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JUL 07 2006

NO. 789 P. 3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|-----------------------------------|---|----------------------|
| In re Patent Application of: |) | |
| COFLER ET AL. |) | |
| |) | Examiner: TSAI HENRY |
| Serial No. 10/082,816 |) | |
| |) | Art Unit: 2181 |
| Confirmation No: 1555 |) | |
| |) | |
| Filing Date: FEBRUARY 25, 2002 |) | |
| |) | |
| For: METHOD OF HANDLING BRANCHING |) | |
| INSTRUCTIONS WITHIN A PROCESSOR, |) | |
| IN PARTICULAR A PROCESSOR FOR |) | |
| DIGITAL SIGNAL PROCESSING, AND |) | |
| CORRESPONDING PROCESSOR |) | |

REPLY

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action of April 12, 2006,
please consider the remarks set out below.

A Listing of the Claims begins on page 2 of this filing.

Remarks begin on page 14 of this filing.